

LETTER

FROM

THE SECRETARY OF THE TREASURY,

TRANSMITTING,

In answer to a Senate resolution of March 16, 1876, a report of the Director of the Mint, showing the production of gold and silver in the United States and in other countries of the world from 1845 to 1875, inclusive.

MAY 19, 1876.—Ordered to lie on the table and be printed.

TREASURY DEPARTMENT,
May 18, 1876.

SIR: I have the honor to acknowledge receipt of Senate resolution of March 16, 1876, requesting me "to furnish the Senate with a statement of the annual product of gold and silver in the United States from the year 1845 to the year 1875, inclusive; also the annual import and export of gold and silver from the beginning of the Government to the present time; also a similar statement of the product of gold and silver in other parts of the world from the year 1845 to 1875, inclusive; also an estimate of the amount of gold and silver coin and bullion in the United States at the present time;" and that I state what amount of gold will be in the Treasury after deducting the present demands thereon.

In reply I inclose herewith a report of the Director of the Mint, under date of March 29, 1876, transmitting the following-described statements, viz:

1. Production of gold and silver in the United States from 1845 to 1875.
2. Production in other countries for the same period.
3. The world's annual production since 1852, as reported by the Paris "Journal des Economistes;" and,
4. An estimate of the aggregate production in other countries than the United States, prepared by the Commissioner of Mining Statistics.

I also inclose a report of the Chief of the Bureau of Statistics, accompanied by the following-described statements, viz:

A. Production of gold and silver in the United States from 1848 to 1875.

B. Tables of imports and exports.

C. The world's estimated production since 1848.

The amount of gold in the Treasury after deducting demands thereon, as shown by the last public-debt statement, April 29, 1876, was as follows:

Coin in the Treasury.....	\$77,605,428 81
Less interest due and unpaid.....	\$4,100,706 76
Less principal of matured debt.....	\$8,414,270 26
Less interest on matured debt.....	254,731 36
 Total	8,699,001 62
Of which amount there is pay- able in currency, principal \$638,765 00	
Interest.....	87,272 69
	\$726,037 69
Less old demand-notes.....	68,162 50
Less coin-certificates.....	27,975,700 00
Less unclaimed interest.....	20,444 84
Less silver coin and bullion.....	17,776,693 29
	57,914,671 32
Leaving amount of gold, less demands thereon, April 29, 1876.....	19,690,757 49

Very respectfully,

B. H. BRISTOW,
Secretary.

Hon. T. W. FERRY,

President pro tem. United States Senate.

TREASURY DEPARTMENT,
OFFICE OF THE DIRECTOR OF THE MINT,
March 29, 1876.

SIR : I have the honor to acknowledge the receipt of your communication of the 18th instant, inclosing an extract copy of Senate resolution of the 16th instant, asking for certain statistics and estimates of the accumulation, production, exportation, &c., of gold and silver.

I present herewith a statement showing the estimated annual product of the mines of the United States from 1845 to 1875, inclusive. The returns are based on official information, and while the yearly estimates may not be strictly accurate, it is believed the totals are approximately correct.

So much of the resolution as relates to the precious-metal production in other parts of the world, from 1845 to 1875, inclusive, was referred to the Commissioner of Mining Statistics, and a copy of his answer, together with a printed report of the "World's product of silver," is transmitted herewith.

I also inclose a statement from the Paris "Journal des Economistes," showing the world's annual production of gold and silver since 1852, and which is claimed to be correct by that journal and the London Daily News.

The amount of gold and silver coin and bullion in the United States at the present time is estimated to be about \$145,000,000, of which about \$20,000,000 consists of silver coin and bullion.

I have the honor to be, very respectfully,

H. R. LINDERMAN,
Director.

Hon. B. H. BRISTOW,

Secretary of the Treasury.

PRODUCTION OF GOLD AND SILVER.

3

No. 1.—*Estimate of gold and silver produced in the United States from 1845 to 1875, inclusive.*

Date.	Estimated product.		
	Gold.	Silver.	Total.
	<i>From 1849 to 1858.*</i>		
1845	\$1,008,327		\$1,008,327
1846	1,139,357		1,139,357
1847	889,085		889,085
1848	10,000,000		10,000,000
1849	40,000,000		40,000,000
1850	50,000,000		50,000,000
1851	55,000,000		55,000,000
1852	60,000,000		60,000,000
1853	65,000,000		65,000,000
1854	60,000,000		60,000,000
1855	55,000,000		55,000,000
1856	55,000,000		55,000,000
1857	55,000,000		55,000,000
1858	50,000,000	\$500,000	50,500,000
1859	50,000,000	100,000	50,100,000
1860	46,000,000	150,000	46,150,000
1861	43,000,000	2,000,000	45,000,000
1862	39,200,000	4,500,000	43,700,000
1863	40,000,000	8,500,000	48,500,000
1864	46,100,000	11,000,000	57,100,000
1865	53,225,000	11,250,000	64,475,000
1866	53,500,000	10,000,000	63,500,000
1867	51,725,000	13,500,000	65,225,000
1868	48,000,000	12,000,000	60,000,000
1869	49,500,000	12,000,000	61,500,000
1870	50,000,000	16,000,000	66,000,000
1871	43,500,000	23,000,000	66,500,000
1872	36,000,000	28,750,000	64,750,000
1873	36,000,000	35,750,000	71,750,000
1874	40,000,000	32,000,000	72,000,000
1875	40,000,000	32,000,000	72,000,000
Total	1,323,786,769	253,000,000	1,578,786,769

* The annual silver product from 1849 to 1858 has been estimated at \$50,000.

No. 2.—THE WORLD'S PRODUCT OF SILVER.*

Recent literary labors have led me to the compilation of the following tables and estimates, which may possess interest for my colleagues in the institute, and which are here submitted without comment.

Various estimates of the world's product of silver.

Country.	Estimate of J. Arthur Phillips for 1860.		Estimate of Birkmyre for 1846.		Estimate of J. Arthur Phillips for 1850.		Estimate of Birkmyre for 1850.		Estimate of J. D. Whitney for 1854.		Estimate of J. Arthur Phillips for 1865.		Estimate of W. P. Blake for 1867.	
	Weight.	Value.	Weight.	Value.	Weight.	Value.	Weight.	Value.	Weight.	Value.	Weight.	Value.	Weight.	Value.
Russian Empire.....	58,150	£167,831	Lbs. troy.	65,000	£171,817	\$928,000	58,000	\$700,000						
Scandinavia.....		32,346		20,400	35,607	328,000	15,000							
Great Britain.....		109,989		48,500	160,000	1,120,000	60,500							
Hartz.....		138,022		31,500	138,022	480,000	28,000							
Prussia.....				21,200		480,000	68,000							
Saxony.....		198,200		63,600		960,000	80,000							
Other German states.....	141,000			2,500	198,200	48,000	2,500						8,600,000	
Austria.....		282,654		87,000	286,971	1,440,000	92,000							
France.....				5,000		80,000	18,000							
Italy.....		7,444			7,444								25,000	
Spain.....		227,499		125,000	440,210	2,000,000	110,000							
Australia.....				10,000		128,000	9,500	20,000						
British America.....														
Chili.....	183,000	297,029		238,500	297,029	4,000,000	299,000							
Bolivia.....	271,300	460,191		130,000	460,191	2,080,000	136,000							
Peru.....	401,850	1,000,583		303,150	1,000,583	4,800,000	299,000						10,000,000	
New Granada.....	5,000	42,929		13,000	42,929	208,000	15,000							
Brazil.....	1,200	2,003		675	2,227	11,200	1,500							
Mexico.....	1,440,500	3,457,020		1,650,000	3,383,333	28,000,000	1,700,000	19,000,000						
United States.....		1,864		17,400	73,532	852,000	1,000,000	15,500,000						
East Indies.....		56,265			56,265									
Africa.....		1,056			1,056									
Various other countries.....		33,000			33,000									
Total.....	2,337,300	6,515,925	2,827,425	8,788,416	47,443,200	4,017,000		53,820,000						
Approximate value	\$36,250,000	\$31,537,000	\$43,853,000	\$42,536,000	47,443,200	62,303,000		53,820,000						

The following estimate of the world's product of silver in 1873 is based upon returns for Germany, Austria, France, Great Britain, Spain, and the United States and for other countries upon the most recent available accounts: Great Britain and colonies, \$1,000,000; Sweden and Norway, \$250,000; Russia, \$500,000; Austro-Hungarian monarchy, \$1,600,000; German Empire, \$3,000,000; France, \$2,000,000; Spain, \$2,000,000; Italy (Sardinia), \$500,000; Mexico, \$20,000,000; Central and South America, \$8,000,000; Canada, \$900,000; United States, \$36,500,000; total, \$76,250,000. According to Humboldt and Danson, the value of silver produced in Mexico and Peru from 1492 to 1803 was \$4,152,650,000. The production in Europe during the same period was about \$200,000,000. For the period from 1804 to 1848 Danson gives \$1,244,380,794 as the production of Mexico and South America, that of Europe and Asiatic Russia for the same period having been about \$325,000,000. For the period from 1848 to 1868 Prof. W. P. Blake, in his "Report on the Production of the Precious Metals," gives the following estimate of the silver product: United States, \$73,000,000; Mexico, \$380,000,000; South America, \$200,000,000; Australia, \$20,000; Europe and Asiatic Russia, \$160,380,000; total, \$813,400,000. From 1868 to 1875 the product of silver may be approximately estimated at \$163,000,000 for the United States, \$140,000,000 for Mexico, \$56,000,000 for South America, and \$63,000,000 for the rest of the world. (None of these estimates include the produce of Japan, China, and Central Asia, of which nothing is known.) We have, then, as the grand total of the silver product from the discovery of America to the present time, \$7,150,000,000.

* By R. W. Raymond.

No. 3.—*The world's annual production of gold and silver since 1852.*[From the *Journal des Economistes.*]

Date.	Estimated product.		
	Gold.	Silver.	Total.
1852	\$182,500,000	\$40,500,000	\$223,000,000
1853	155,000,000	40,500,000	195,500,000
1854	127,000,000	40,500,000	167,500,000
1855	135,000,000	40,500,000	175,500,000
1856	147,500,000	40,500,000	188,000,000
1857	133,000,000	40,500,000	173,500,000
1858	124,500,000	40,500,000	165,000,000
1859	124,500,000	40,500,000	165,000,000
1860	119,000,000	40,500,000	159,500,000
1861	114,000,000	42,500,000	156,500,000
1862	107,500,000	45,000,000	152,500,000
1863	107,000,000	49,000,000	156,000,000
1864	113,000,000	51,500,000	164,500,000
1865	120,000,000	52,000,000	172,000,000
1866	121,000,000	50,500,000	171,500,000
1867	116,000,000	54,000,000	170,000,000
1868	120,000,000	50,000,000	170,000,000
1869	121,000,000	47,500,000	168,500,000
1870	116,000,000	51,500,000	167,500,000
1871	116,500,000	61,000,000	177,500,000
1872	101,500,000	65,000,000	166,500,000
1873	103,500,000	70,000,000	173,500,000
1874	90,500,000	71,500,000	162,000,000
1875	97,500,000	62,000,000	159,500,000
Total.....	2,913,000,000	1,187,500,000	4,100,500,000

No. 4.—*Estimate of the aggregate production of gold and silver in other countries than the United States from 1845 to 1875, inclusive.*

NEW YORK, March 24, 1876.

DEAR SIR: In reply to your favor of the 20th instant, I have to say that I find it impracticable to present a statement of the product of gold and silver by years for the period named by the Senate resolution in other countries than the United States.

You will find such an estimate for the United States on page 543 of my report of 1874. I inclose a printed slip containing such information as I was able to get on the silver product for a recent communication to the American Institute of Mining Engineers.

I think that the following estimate of the aggregate production of other countries than our own from 1845 to 1875 will be found reasonably accurate. It might be improved by inserting the actual official totals from Victoria, New Zealand, and New South Wales, which, however, I do not have at hand. I have an impression that some of the circulars of Mr. Young's Bureau of Statistics have contained them.

Estimate, 1845 to 1875.

	Silver.	Gold.
Mexico	\$538,000,000	\$230,000,000
South America.....	282,000,000	
Europe, &c.....	241,000,000	41,000,000
Russia.....		495,000,000
Asia, (non Russian).....		180,000,000
Australia, (from 1851)		1,105,000,000
British Columbia, (from 1855)		30,000,000
Nova Scotia, (from 1861)		4,800,000
Africa		30,000,000
	1,061,000,000	2,115,800,000

Yours, respectfully,

Hon. H. R. LINDERMAN,
Director of the Mint, Washington, D. C.R. W. RAYMOND,
United States Commissioner, Mining Statistics.

REPORTS UPON THE PRODUCTION OF GOLD AND SILVER.

TREASURY DEPARTMENT, BUREAU OF STATISTICS,
Washington, D. C., April 12, 1876.

SIR: In response to the Senate resolution referred to me, requiring "a statement of the product of gold and silver in the United States from the year 1845 to the year 1875, inclusive; also, the annual import and export of gold and silver from the beginning of the Government to the present time; also, a similar statement of the product of gold and silver in other parts of the world from the year 1845 to the year 1875, inclusive; also, an estimate of the amount of gold and silver coin and bullion in the United States at the present time," I have the honor to submit the following statement and the accompanying tables:

There was no product of gold in the United States in considerable quantities until the year 1848, in which year were discovered and opened the new gold-fields of California; and no considerable silver production prior to the year 1859.

In the year 1799, however, gold-deposits were discovered in the State of North Carolina, and gold has been obtained in small quantities in that State and in other localities along the Appalachian range in the States of Virginia, South Carolina, Georgia, and Alabama, and in still smaller quantities in the States of Pennsylvania, Vermont, New Hampshire, and Maryland.

Gold from this source was first taken to the Mint in 1804, and from that time to 1848 the aggregate product is estimated by Mr. R. W. Raymond, the Commissioner of Mining Statistics, at \$14,440,000, and the aggregate product to 1875, at \$25,000,000; the product of the past 28 years being about \$70,000,000.

A table is herewith transmitted (marked "A") showing, by years, the estimated production of gold in the United States during the 27 years from 1849 to 1875, both inclusive; also, by years, the estimated product of silver in the United States during the 17 years from 1859 to 1875, both inclusive; the aggregate in the former case being \$1,351,600,000, and in the latter \$265,550,000, the total bullion product being \$1,617,150,000. These estimates are by Mr. E. B. Elliott, chief clerk of the Bureau of Statistics.

A table (marked "B") is also transmitted herewith, which shows, by years, the imports into and the exports from the United States from the earliest years in which these facts are distinguished in the official reports to the close of the fiscal year ended June 30, 1875.

In the official returns and statements of imports and of foreign exports prior to the year 1821, the precious metals were not distinguished from articles of merchandise. In the returns for 1821 and subsequent years, however, the imports of precious metals were not only separated from those of merchandise but bullion is distinguished from coin. Gold is not distinguished from silver in the statements of imports and of foreign exports prior to the year 1825; but, commencing with that year and up to the present time, they have been given separately. In the statements of domestic exports the precious metals are first distinguished from other commodities in the fiscal year ended September 30, 1826; but coin is not there distinguished from bullion nor gold from silver.

In the fiscal year ended June 30, 1855, the exports of bullion produced in the United States are first distinguished from those of coin, and in the fiscal year ended June 30, 1864, exports of silver are also distinguished from those of gold, which distinction has been continued to the present time.

According to these tables, then, the value of the imports of the precious metals in the 55 fiscal years from September 30, 1820, to June 30, 1875, was \$635,257,227. From inspection of the tables it will be seen that the excess of the exports over the imports of the precious metals during the 27 fiscal years from June 30, 1848, to June 30, 1875, is \$1,211,480,000, which, subtracted from the product above given, to wit, \$1,167,150,000, for the same period, leaves \$405,670,000 as the net increase of our stock of precious metals. The stock of precious metals in the United States in 1848 may be estimated at \$4,000,000. Assuming an expenditure of \$150,000,000 in the arts and manufactures during this period of 27 years, and also an unregistered excess of exports of coin and bullion of \$35,000,000 from the whole country during this period of 27 years, leaves \$279,670,000 as the present stock of precious metals in the United States for monetary purposes, of which it is roughly estimated that about one-fourth, or \$70,000,000, is silver, and the remaining three-fourths, about \$210,000,000, gold.

Another table (marked "C") is also transmitted, showing, by periods of years, the production of gold and silver in the world since 1848, based on information derived from the most authentic sources attainable. According to the tables herewith printed, the aggregate gold production of the period has been \$2,761,700,000, and the aggregate silver production \$1,573,900,000, making the aggregate production of the precious metals for the 27 years, \$4,335,600,000.

The present stock of precious metals in use in the world in coinage and the arts has been estimated by trustworthy investigators at from eleven thousand to thirteen thousand million dollars, say a mean of twelve thousand million dollars.

Respectfully yours,

EDWARD YOUNG,
Chief of Bureau.

Hon. C. F. CONANT,
Assistant Secretary of the Treasury, Washington, D. C.

A.—*Production of gold and silver in the United States from the discovery of the mines to the present time; that is, for gold from 1849 and for silver from 1859, each respectively, to 1875, inclusive.*

Years and epochs.	Gold.	Silver.	Gold and silver.
	Million dollars.	Million dollars.	Million dollars.
1849	13.0		13.0
1850	32.4		32.4
1851	47.6		47.6
1848-1851. (3.)	94.0		94.0
Annual average	31.33		31.33
1852	60.5		60.5
1853	68.8		68.8
1854	74.7		74.7
1855	74.0		74.0
1856	72.8		72.8
1852-1856. (5.)	350.8		350.8
Annual average	70.16		70.16
1857	67.1		67.1
1858	64.8		64.8
1857-1858. (2.)	131.9		131.9
Annual average	65.95		65.95
1859	61.8	0.07	61.87
1860	56.6	0.13	56.73
1861	52.5	2.50	55.00
1862	49.6	6.00	55.60
1863	47.7	9.60	57.30
1859-1863. (5.)	268.3	18.30	286.60
Annual average	53.66	3.66	57.32
1864	45.3	10.9	56.2
1865	40.9	12.3	53.2
1866	39.0	13.8	52.8
1867	39.6	15.3	54.9
1868	42.6	17.0	59.6
1864-1868. (5.)	207.4	69.3	276.7
Annual average	41.48	13.86	55.34
1869	43.0	18.7	61.7
1870	43.1	20.1	63.2
1871	43.2	22.0	65.2
1872	43.0	24.4	67.4
1873	42.7	27.3	70.0
1869-1873. (5.)	215.0	112.5	327.5
Annual average	43.0	22.5	65.5
1874	42.3	31.1	73.4
1875	41.7	34.3	76.0
1874-1875. (2.)	84.0	65.4	149.4
Annual average	42.0	32.7	74.7
Entire period	1,351.6	265.55	1,617.15
Annual average	*50.06	†15.62	*59.89

PRODUCTION OF GOLD AND SILVER.

B.—IMPORTS AND EXPORTS.

No. 1.—Statement exhibiting the imports of gold and silver into the United States from October 1, 1820, to June 30, 1875, inclusive.

Fiscal years.	Gold.			Silver.			Gold and silver.		
	Bullion.	Coin.	Bullion and coin.	Bullion.	Coin.	Bullion and coin.	Bullion.	Coin.	Bullion and coin.
<u>Ended September 30—</u>									
1821	Not stated.	Not stated.	Not stated.	Not stated.	do	do	Not stated.	do	Not stated.
1822	do	do	do	do	do	do	do	do	do
1823	do	do	do	do	do	do	do	do	do
1824	do	do	do	do	do	do	do	do	do
1825	\$1,51,020	do	do	\$320,257	\$368,827	\$5,252,661	\$5,624,788	827	\$64,890
1826	116,194	do	do	678,740	462,087	5,740,139	6,202,226	519,847	2,958,402
1827	91,049	1,019,399	1,019,399	1,019,399	422,605	6,618,077	7,040,682	578,281	4,867,125
1828	69,650	738,570	808,220	808,220	465,063	6,216,458	6,681,521	513,654	8,048,443
1829	110,638	706,028	816,666	816,666	837,107	5,749,839	6,586,946	947,107	8,379,835
1830	115,267	705,879	821,146	821,146	1,049,343	6,285,475	7,334,818	1,164,610	8,900,000
1831	106,191	765,838	932,029	932,029	680,283	5,687,633	6,373,916	852,474	2,957,771
1832	102,021	614,665	716,586	716,586	736,711	4,451,107	5,190,818	838,732	6,807,964
1833	48,267	563,585	611,852	611,852	297,840	6,160,676	6,458,516	346,107	5,068,772
1834	293,665	3,472,507	766,172	766,172	514,417	13,634,043	14,445,460	808,082	7,632,447
1835	635,457	1,639,739	2,325,196	2,325,196	765,283	10,806,251	1,420,740	10,806,251	1,305,945
1836	1,013,137	5,318,725	7,231,862	7,231,862	318,350	5,850,669	6,169,019	2,231,487	11,169,394
1837	536,549	1,805,265	2,431,814	2,431,814	594,201	7,490,309	8,084,600	1,130,840	9,385,574
1838	230,694	11,441,189	11,674,883	11,674,883	392,843	5,679,390	6,072,233	623,537	10,516,414
1839	86,540	1,078,010	1,164,580	1,164,580	149,680	4,280,916	4,430,506	236,220	17,747,116
1840	273,127	2,812,030	3,085,157	3,085,157	469,434	5,328,292	5,797,656	742,561	15,957,176
1841	137,149	1,131,700	1,268,849	1,268,849	274,225	3,444,950	3,719,184	411,374	8,882,813
1842	56,365	700,929	757,294	757,294	39,458	3,290,264	3,329,722	95,823	4,988,033
<u>Ended June 30—</u>									
1843	100,835	16,965,602	17,066,437	17,066,437	142,199	5,111,699	5,253,808	213,034	22,320,335
1844	83,150	1,530,154	1,613,304	1,613,304	208,694	4,008,431	4,217,125	291,844	5,338,585
1845	66,103	1,732,747	818,850	818,850	41,275	3,251,392	3,210,117	3,210,117	3,962,864
1846	14,150	896,263	910,413	910,413	33,579	2,833,740	2,867,319	47,729	3,777,732
1847	151,749	21,423,182	21,574,931	21,574,931	74,923	2,474,435	2,546,358	223,072	23,897,617
1848	56,882	3,351,873	3,408,755	3,408,755	392,939	2,558,590	2,951,529	449,821	4,426,492
1849	297,570	3,771,077	4,068,647	4,068,647	154,688	2,427,905	2,582,593	452,258	4,426,492
1850	175,984	1,776,706	1,776,706	1,776,706	26,316	2,225,770	2,852,300	3,726,623	4,628,792
1851	196,446	3,372,644	3,569,090	3,569,090	48,471	1,884,413	244,917	508,586	5,453,503
1852	608,257	3,049,802	3,658,059	3,658,059	8,914	1,838,071	1,846,985	617,171	4,867,873
1853	465,044	1,962,312	2,427,356	2,427,356	31,636	1,742,390	1,774,026	496,680	4,201,382
1854	1,730,711	1,311,253	2,031,964	2,031,964	89,633	3,636,990	3,726,623	1,810,344	6,758,587
1855	404,217	688,585	1,092,802	1,092,802	139,743	2,427,267	2,567,010	543,960	3,659,812
1856	114,259	876,016	990,305	990,305	103,954	3,113,376	3,217,327	218,240	4,087,016
1857	131,585	6,534,636	335,114	335,114	5,472,049	5,807,163	5,807,163	486,699	11,975,100

PRODUCTION OF GOLD AND SILVER.

9

NOTE.—Prior to October 1, 1842, the customs year closed with the 30th day of September. Since that date and down to the present time the customs year closes on the 30th day of June, the year ended June 30, 1843, consisting of but nine months.

PRODUCTION OF GOLD AND SILVER.

No. 2.—Statement exhibiting the foreign exports (or exports of foreign coin and bullion previously imported) of gold and silver from the United States from October 1, 1820, to June 30, 1875, inclusive.

Fiscal years.	Gold.			Silver.			Gold and silver.		
	Bullion.	Coin.	Bullion and coin.	Bullion.	Coin.	Bullion and coin.	Bullion.	Coin.	Bullion and coin.
Ended September 30—									
1821	Not stated..	Not stated..	Bullion and coin.	Not stated..	Not stated..	Bullion and coin.	Not stated..	Not stated..	\$10,477,969
1822	do	do	do	do	do	do	do	do	10,810,180
1823	do	do	do	do	do	do	do	do	6,372,987
1824	do	do	do	do	do	do	do	do	7,014,552
1825	\$15,648	434,555	\$315,672	\$10,849	470,534	\$10,849	8,786,206	8,775,055	
1826	8,611	820,304	828,915	25,090	3,623,385	3,648,475	40,738	4,057,940	4,058,678
1827	13,663	928,384	942,047	3,236	6,139,155	6,142,391	11,647	6,939,459	6,971,306
1828	25,270	935,102	960,372	42,588	6,365,804	6,608,392	56,251	7,494,188	7,550,439
1829	10,637	474,876	485,513	213,821	3,136,941	3,350,762	239,091	4,072,043	4,311,134
1830	21,690	899,365	921,055	203,572	5,831,830	6,035,402	225,262	1,206,831	1,241,622
1831	7,615	630,550	638,465	255,517	3,351,417	3,606,334	263,132	6,731,195	6,956,457
1832	26,773	495,890	522,663	289,680	1,722,196	1,722,196	26,773	3,982,267	4,245,399
1833	12,681	276,999	291,591	2,591	1,383,987	1,386,578	15,272	2,218,086	2,244,859
1834		625,679	625,679		5,122,495	5,122,495		1,660,986	1,676,258
1835		25,777	275,940	301,717	52,635	52,635		5,748,174	5,748,174
1836		101,563	1,828,653	1,930,216	5,600	3,624,186	3,676,881	3,900,126	3,978,598
1837			740,263	740,263	2	2,756,914	2,762,514	107,163	4,692,730
1838			2,814,650	2,892,310	2	2,500	2,292,342	2,500	3,035,105
1839			1,468,300	1,468,300	8,040	3,968,035	3,976,075	85,700	6,782,685
1840			677,297	683,383	47,689	4,665,953	4,713,641	47,689	6,134,252
1841			1,134,002	1,134,002	63,011	6,384,452	6,444,463	229,097	6,181,941
1842					2	2,508,783	2,508,783		7,286,246
Ended June 30—									
1843	450		299,808	300,258			1,113,104	450	1,413,362
1844		1,183,116	1,183,116		4,087,693	4,087,693			5,270,809
1845		2,210,979	2,210,979		5,551,070	5,551,070			7,762,049
1846		1,629,348	1,629,348		1,852,069	1,852,069			3,481,417
1847		975,301	975,301		3,869,103	3,869,103			1,844,404
1848		8,370,785	174,971		4,770,448	4,770,448	174,971		12,966,233
1849	6,500	1,008,459	1,015,359		3,432,415	3,432,415	6,500	4,441,274	4,445,774
1850	2,160	2,511,788	2,513,948		2,962,367	2,962,367	2,160	5,474,155	5,476,315
1851	1,528	4,758,805	4,760,333	4,534	6,634,305	6,635,839	6,062	11,390,110	11,396,172
1852	9,280	2,626,862	2,636,142		2,600,156	2,600,156	9,280	5,227,018	5,236,218
1853	10,550	1,883,773	1,894,323		2,044,017	2,044,017	10,550	3,927,790	3,938,340
1854	53,001	2,351,689	2,407,690		8,283	8,283	6,284	3,073,446	3,134,730
1855	2,995	1,148,802	1,151,797		1,138,128	1,138,128	2,995	2,286,930	2,289,925
1856		852,698	852,698		18,378	18,378	1,578,828	1,597,206	
1857	8,000	5,154,301	5,154,301		3,904,269	3,904,269	2,221	9,037,349	9,058,570
1858	148,989	7,446,569	7,595,558		2,630,343	2,630,343	243,548	9,082,353	10,225,001
1859	30,461	3,575,284	3,605,748		2,779,368	2,779,368	3,642,785	6,271,906	6,355,106

1860	54,181	1,418,007	1,499,188	35,093	8,065,107	8,100,200
1861	6,700	3,617,403	3,624,103	42,826	2,324,281	2,367,107
1862	4,395,252	4,395,252	40,092	1,407,645	1,417,737	40,092
1863	6,169,276	6,169,276	550	1,093,223	1,093,773	550
1864	33,419	3,493,561	3,527,010	1,145	1,394,824	34,594
1865	1,900	1,820,427	1,822,327	.....	1,202,775	1,900
1866	32,854	1,036,989	1,069,843	75,325	2,255,529	108,479
1867	2,796,951	2,796,951	18,939	3,076,286	2,330,854	3,095,225
1868	94,508	4,070,678	4,165,186	169,068	5,703,873	5,872,941
1869	19,146	7,541,576	7,560,722	232,174	6,428,518	6,601,692
1870	39,778	5,015,575	5,055,353	2,682	9,213,829	9,216,511
1871	2,104,530	2,104,530	2,104,530	.....	1,934,039	11,934,039
1872	4,780	1,166,478	1,171,258	164,633	5,744,003	5,908,036
1873 .....	.....	384,677	384,677	85,795	10,232,556	168,813
1874 .....	.....	1,396,934	1,396,934	25,000	5,533,785	85,795
1875	3,696	5,433,736	5,437,432	14,835	2,825,746	25,000
Total	*1,075,583	*115,652,598	*116,728,181	*2,263,108	*199,033,742	*201,296,850
Average per Year	21,090	2,267,698	2,288,788	44,375	3,902,622	3,946,997
					61,252	6,354,490

† For 55 years, (1821-'75.)

* For 51 years, (1825-'75.)

Average per Year

No. 3.—Statement exhibiting the domestic exports of gold and silver from the United States from October 1, 1820, to June 30, 1875, inclusive.

* For 12 years 1864-75 inclusive

BUREAU OF STATISTICS April 1871

For 91 years 1855-'75

EDWARD YOUNG,
Chief of Library

For 50 years 1896-1946

C.—*The world's production of gold and silver by years and epochs since 1848.*

Years and epochs.	Gold.	Silver.	Gold and silver.
	Million dollars.	Million dollars.	Million dollars.
1849	26.4	43.9	70.3
1850	58.3	43.3	101.6
1851	86.4	42.6	129.0
Total	171.1	129.8	300.9
Annual average	57.03	43.26	100.3
1852	110.6	41.9	152.5
1853	130.7	41.6	172.3
1854	146.8	42.1	188.9
1855	146.7	43.2	189.9
1856	139.4	44.4	183.8
Total	674.2	213.2	887.4
Annual average	134.84	42.64	177.48
1857	133.1	46.0	179.1
1858	115.2	48.0	163.2
1859	104.1	50.2	154.3
1860	103.0	52.6	155.6
1861	102.6	55.3	157.9
Total	558.0	252.1	810.1
Annual average	111.6	50.42	162.02
1862	102.4	58.3	160.7
1863	101.6	63.8	165.4
1864	101.1	67.4	168.5
1865	98.9	68.9	167.8
1866	98.2	69.1	167.3
Total	502.2	327.5	829.7
Annual average	100.44	65.5	165.94
1867	98.1	69.2	167.3
1868	98.9	69.3	168.2
1869	99.0	69.3	168.3
1870	98.6	69.4	168.0
1871	97.2	72.1	169.3
Total	491.8	349.3	841.1
Annual average	98.36	69.86	168.22
1872	94.8	73.4	168.2
1873	92.3	74.7	167.0
1874	89.9	76.2	166.1
1875	87.4	77.7	165.1
1876			
Total	364.4	302.0	666.4
Annual average	91.1	75.5	166.6
Total from 1849 to 1875	2,761.7	1,573.9	4,335.6
Annual average	102.29	58.29	160.58

BUREAU OF STATISTICS, May , 1876.

Estimate of the world's production of gold and silver, by epochs, since 1848.

Epochs.	No. of years.	Aggregate.			Annual average.		
		Gold.	Silver.	Gold and silver.	Gold.	Silver.	Gold and silver.
		<i>Million dollars.</i>	Million dollars.	Million dollars.	Million dollars.	Million dollars.	Million dollars.
1849-'51.....	3	171.1	129.8	300.9	57.03	43.3	100.30
1852-'56.....	5	674.2	213.2	887.4	134.85	42.6	177.45
1857-'61.....	5	558.0	252.1	810.1	111.60	50.5	162.00
1862-'66.....	5	502.2	327.5	829.7	100.40	65.5	165.90
1867-'71.....	5	491.8	349.3	841.1	98.40	69.9	168.20
1872-'75.....	4	364.4	302.0	666.4	91.10	75.5	166.60
1849-'75.....	27	2,761.7	1,573.9	4,335.6	102.29	58.29	160.58

Estimated aggregate production of the precious metals during the twenty-seven years from 1849 to 1875, inclusive.

Countries.	Gold.	Silver.	Gold and silver.
	<i>Million dollars.</i>	<i>Million dollars.</i>	<i>Million dollars.</i>
Entire world	2,761.7	1,573.9	4,335.6
United States.....	1,351.6	*265.55	1,617.15
Other countries.....	1,410.1	1,308.35	2,718.45

* Seventeen years, 1859 to 1875. The silver mines of the United States were first discovered in 1859.

Annual average production of the precious metals in the world, also in the United States of America, since 1848, the year of the discovery of the gold-fields of California.

Countries.	Epochs.	No. of years.	Gold.	Silver.	Gold and silver.
			<i>Million dollars.</i>	<i>Million dollars.</i>	<i>Million dollars.</i>
Entire world	1849-'75	27	102.29	58.29	160.58
United States	1849-'75	27	50.06	.....	59.89
Do.....	1859-'75	17	.....	15.62	.....
Other countries	1849-'75	27	52.23	49.94	102.17

EDWARD YOUNG, *Chief of Bureau.*

BUREAU OF STATISTICS, April 12, 1876.

